

Title (en)
COLOR TONER COMPOSITION

Publication
EP 0330487 A3 19900711 (EN)

Application
EP 89301820 A 19890224

Priority
JP 4235888 A 19880226

Abstract (en)
[origin: EP0330487A2] A novel negative charge color toner composition for electrostatic charge development having good light resistance and copy sharpness which contains, as a dyestuff in a toner resin, a 1-amino-2-phenoxy- or 2-thiophenoxy-4-hydroxyanthraquinone whose phenoxy or thiophenoxy group is substituted and/or a 1,4-diamino-2,3-phenoxyanthraquinone whose phenoxy group is substituted, which can be conventionally produced.

IPC 1-7
G03G 9/08; **G03G 9/09**

IPC 8 full level
C09B 1/54 (2006.01); **C09B 1/58** (2006.01); **G03G 9/09** (2006.01)

CPC (source: EP KR US)
G03G 9/087 (2013.01 - KR); **G03G 9/09** (2013.01 - KR); **G03G 9/0908** (2013.01 - EP US)

Citation (search report)

- [A] DE 2644850 A1 19770414 - SUBLISTATIC HOLDING SA
- [A] US 4562135 A 19851231 - WINNIK FRANCOISE M [CA], et al
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 294 (M-431)[2017], 20th November 1985, page 24 M 431; & JP-A-60 131 293 (MITSUBISHI KASEI KOGYO K.K.) 12-07-1985
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 253 (P-235)[1398], 10th November 1983; & JP-A-58 136 048 (CANON K.K.) 12-08-1983

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US6099625A; US5102764A; EP0872775A1; EP0661350A1; US5608091A; WO9634916A3

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 89301820 A 19890224; CA 591935 A 19890223; DE 68920758 T 19890224; JP 4235888 A 19880226; KR 890002211 A 19890224; US 31505189 A 19890224